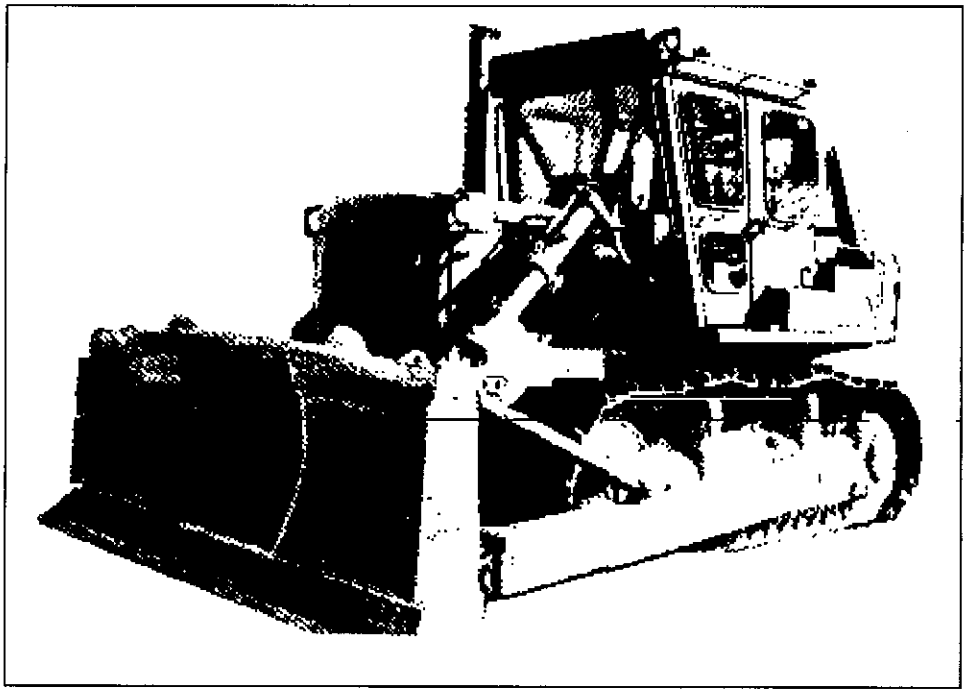
SOW-04-CSLE-08757A-1/1 28 November 2001

STATEMENT OF WORK (SOW)

REBUILD

TRACTOR, MEDIUM, FULL TRACKED, MODEL D7G



NSN 2410-01-155-1588

EFFECTIVE DATE: 1 OCTOBER 2003

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STATEMENT OF WORK FOR THE TRACTOR, MEDIUM, FULL TRACKED NSN 2420-01-155-1588, MODEL D7G

1.0 SCOPE. This Statement of Work (SOW) along with the U.S. Marine Corps REBUILD Standard RS 08757A-50 establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor in the REBUILD of the Tractor, Medium, Full Tracked, Model D7G. This document contains the minimum requirements to assemble, integrate, make fully operational, calibrate, install, test and inspect the Tractor, Medium, Full Tracked, Model D7G, hereafter referred to as the D7G Tractor, to a serviceable condition (Condition Code "A"). Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitation or restriction. Includes material with more than six months shelf-life remaining. The National Stock Number (NSN) 2410-01-155-1588 shall be known as the D7G Tractor. This SOW along with RS 08757A-50 covers the minimum requirements applicable to the restoration of the D7G Tractor.

Additionally, RS 08757A-50 sets forth guidelines within which the D7G Tractor shall be refurbished, repaired and restored. The basic configuration of the D7G Tractor is established by Stock List (SL)-4-08757A and Modification Instruction (MI)-08757A-35/1. All materiel (including repair parts) shall be provided by the Contractor. Installation and testing shall be performed by the Contractor. All special tools and test equipment required to perform any task on the D7G Tractors are listed in RS 08757A-50. and shall be provided by the Contractor.

1.1 Background. REBUILD is defined as "That maintenance technique that determines the repair necessary to restore equipment components and/or assemblies to a prescribed maintenance serviceability and standard that approximates the original or new condition in appearance, performance, and life expectancy." The Contractor shall disassemble all assemblies/sub-assemblies, inspect, test, repair and/or replace. All worn parts/components that are beyond the specified tolerances and wear limits shall be replaced.

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto which are in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-129	Marking for Shipment and Storage
MIL-STD-130	U.S. Military Property, Identification Marking of
MIL-STD-642	Identification Marking of Combat and Tactical Transport Vehicle

2.2 Other Government Documents And Publications. The issues of those documents cited below shall be used.

ATPD 2241	Vehicles, Wheeled: Preparation For Shipment and Storage of
MI-08757A-35/1	Modify Battery Box Cover
TI 08757A-25/2	Instructions for Installation of 8 Pin Military Standard Receptacle
TM 4750-15/1	Painting and Registration Marking for Marine Corps Combat and Tactical Equipment.
TM 4795-34/2	Corrosion Prevention and Control
TM 08757A-14/1	Tractor, Medium, Full Tracked, Model D7G
RS 08757A-50	REBUILD Standard, Tractor Medium, Full Tracked, Model D7G
SL-4-08757A	Repair Parts List
DoD 4000.25-1-M	MILSTRIP Manual
Military Handbooks (For Guidance)	
MIL-HDBK-61	Configuration Management Guidance

2.3 Industry Standards

ANSI/ISO/ASQC Q9002-1994	Quality Systems-Model for Quality Assurance in Production, Installation, and Servicing
Industry Standards (For Guidance)	
ANSI/EIA-649	National Consensus Standards for Configuration Management

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2179 or DSN 442-2179, or http://www.dodssp.daps.mil. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the

Contracting Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, Georgia 31704-3019, commercial telephone number (229) 639-6761 or DSN 567- 6761. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 583-1, 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6410 ir DSN 567-6410.

3.0 REQUIREMENTS.

3.1 General Tasks. In fulfilling the specified requirements, the Contractor shall render, yet shall not be limited to the following tasks.

a. Provide materials, labor, facilities, repair parts and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, repair and calibrate as required to make fully operational, the D7G Tractors.

b. Conduct final-on-site testing for witness by Marine Corps System Command (MCSC). (Code CSLE), Albany, Georgia and/or their representatives.

c. The Contractor shall be responsible for all structural, electrical and mechanical requirements associated with the repair and restoration of the D7G Tractors.

3.2 REBUILD Objective And Functions. After REBUILD, the D7G Tractors shall have as a minimum the following characteristics:

a. Reliable as per system specifications

b. Maintainable

c. Serviceable (Condition Code "A")

d. Latest Marine Corps Configuration

e. All vehicle systems and components shall operate as designed intended.

f. All D7G Tractors shall have a like new appearance.

3.3 Specific Tasks. The following tasks describe the different phases for the REBUILD of the D7G Tractors.

Phase I	Pre-Induction (Initial Inspection)
Phase II	REBUILD
Phase III	Inspection, Testing and Acceptance
Phase IV	Packing, Handling, Storage and Transportation (PHS&T)

3.3.1. Phase I Pre-Induction.

a. The Contractor shall inspect in detail all vehicles transported to the Contractor for REBUILD under provisions of this SOW using the Configuration Inspection Checklist and Section IV (Troubleshooting) of TM 08757A-14/1. The Contractor shall ensure that the inspection is sufficient to determine the condition of the inspected vehicle and the extent of work and repair parts required. The findings of this inspection shall be annotated on the D7G Tractor Initial Inspection Checklist (Appendix A of this SOW) and shall be maintained and made available upon request by MCSC (Code CSLE), Albany, Georgia and/or their Representatives. The D7G Tractor Initial Inspection Checklist may be duplicated in a electronic data base and maintained in that data base. If data is selected to be provided electronically to MCSC (Code CSLE), Albany, Georgia and/or their Representatives, the Data base program must be agreed to by both the Contractor and MCSC (Code CSLE), Albany, Georgia.

b. Test equipment, as identified in TM 08757A-14/1, shall be used to determine that assemblies and subassemblies meet prescribed reliability, performance, and work requirements. In those cases when conformance to the SOW cannot be certified through existing inspection and testing procedures and by use of diagnostic equipment, the assembly shall be removed, disassembled, inspected, tested and repaired to the degree necessary to assure full conformance with this SOW.

c. Oil seals and gaskets leakage. Evidence of lubricating or hydraulic oils passing through or around a seal is in itself not a defect; however, consideration must be given to the fluid capacity in the item being checked/inspected. Inspection shall normally be performed during and immediately following an operational test, but not sufficient duration to allow the fluids to return to ambient temperatures. The following shall be used as a guide in determing degree of oil loss:

1. Class I - Seepage of fluid (indicated by wetness or discoloration) not great enough to form drops.

2. Class II - Leakage of fluid great enough to form drops, but not enough to cause drops to fall from the item being checked/inspected.

3. Class III - Leakage of fluid great enough to form drops that fall from the item being checked/inspected.

A CLASS I OR II LEAK, EXCEPT FUEL SYSTEM, BRAKE SYSTEM, AND POWER STEERING SYSTEMS IS AN ACCEPTABLE CONDITION AT ANY TIME AND DO NOT REQUIRE CORRECTIVE ACTION.

3.3.2 PHASE II - REBUILD. After Pre-Induction Tests and Inspections have been completed, repair of the D7G Tractor shall be accomplished in accordance with this SOW and RS 08757A-50. Deficiencies noted on the D7G Tractor Initial Inspection Checklist during Phase I shall be repair/replaced. Components or assemblies shall be disassembled for replacement of mandatoryparts. Mandatory Replacement Parts List is contained in RS 08757A-50, Table 2-1.

Winch Controls. Each D7G Tractor shall contain winch control group number 5R6959 (NSN 3950-01-323-9893). The winch control group number 5R6959 is a component of the Marine Corps basic D7G Tractor configuration and is a requirement for each D7G Tractor. If the winch control group number 5R6959 is not installed or is missing, the Contractor shall install the winch control group number 5R6959 as part of this SOW work effort.

The D7G Tractors provided to the contractor for repair under the provisions of this SOW should not contain any components that are not identified in SL-4-08757A and the MIs and TIs indentified in this SOW. If other components are found, the contractor shall inform MCSC (Code CSLE), Albany, Georgia and/or their representatives of these components. Components shall be identified by part number and/or National Stock Number if known.

a. Rust Proofing and Painting. Rust proofing does not apply to processing of fuel tanks, radiators, engine, transmission, vehicle suspension, transfer, and axles. Repair all body and rust damage before rust proofing vehicle. All vehicles shall be rust proofed as required.

Procedures for corrosion prevention and control are in accordance with TM 4795-34/2.

Prime and paint per latest edition of TM 4750-15/1. All vehicle shall be painted with CARC. Paint color will be provided by the D7G Tractor Item Manager, Supply Chain Management Center, (Code 577-1) and/or their representative upon induction of the vehicles into the repair cycle.

All D7G Tractor cab interiors shall be painted in the existing color. This paint shall be a lead and chromate free based paint.

b. Data Plates And Decals. Each REBUILD D7G Tractor shall have a REBUILD data plate affixed next to the existing vehicle data plate after vehicle has completed the repair cycle. The data plate shall meet the requirements of MIL-STD-130 and TM 4750-15/1. The REBUILD data plate shall contain the following information:

VEHICLE SERIAL NO._____
REPAIRED IN ACCORDANCE WITH SOW-04-CSLE-08757A-1/1.
CONTRACTOR REPAIR FACILITY_____
DATE_____.
HOUR READING AT TIME OF IROAN_____.

3.3.3 PHASE III - Inspection, Testing And Acceptance.

a. Inspection, testing and acceptance of the D7G Tractor shall be conducted in accordance with provisions of this SOW and RS-08757A-50.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the final acceptance. Acceptance tests shall be held

at the Contractor facility. MCSC (Code CSLE), Albany, Georgia and/or their representatives shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be set up with all safety consideration incorporated (test area clearly defined, limit excess. to unauthorized vehicle and foot traffic, etc.).

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCSC (Code CSLE), Albany, Georgia and/or their representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on all D7G Tractors repaired under the provisions of this SOW shall be accomplished in accordance with RS-08757A-50 and provisions of this SOW.

e. Vehicle Markings. Registration numbers and other markings shall be applied in accordance with MIL-STD- 642. Lifting and tie down attachments shall be identified with one inch letters indicating " SLING POINT" or "TIE DOWN".

f. Instruction Plates. The D7G Tractor shall be equipped with instruction plates suitably located, describing any special or important procedures to be followed in operating and servicing the equipment. Plates shall be of a material which will last and remain legible for the life of the equipment, and shall be securely affixed thereto with nonferrous screws, rivets or bolts of not less than 1/8 inch diameter.

g. Record Jacket. All major equipment or components serial numbers that are replaced during the REBUILD are to be identified by the Contractor for entry in the record jacket of the D7G Tractor (this includes engines, transmissions, etc.). Information will list the D7G Tractor serial number, name of equipment/component(s) replaced, serial number of deficiency equipment/component(s), serial number of replacement equipment/component(s), and if the equipment/component(s) is new or rebuilt.

3.3.4 Phase IV - Packaging, Handling, Storage, And Transportation (PHS&T).

a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items scheduled for long term storage shall be in accordance with level "A" requirements of ATPD 2241. Items scheduled for domestic shipment for immediate use or shipment to overseas destinations with the exception of Maritime Prepositioned Forces (MPF) shall be level "B", Drive-on/Drive-off. Items scheduled for overseas shipment shall have a label affixed which reads "NOT FOR WEATHER DECK STOWAGE." Items scheduled for shipment to MPS shall be level "B", MPS Modified Drive Away.

b. The Terms Drive-on/Drive-off and MPF Modified Drive Away are defined as follows:

(1) Drive-on/Drive-off: Batteries will be hot and disconnected from vehicle electrical system. Terminals and leads will be taped. Fuel tank will be filled ¼ full of JP 5/8. The air intake system, exhaust and brake systems, drive-train and gauges are to be depreserved.

(2) MPS Modified Drive Away: Batteries shall be hot and connected to vehicle electrical system. Fuel tank shall filled ¾ full of JP 5/8. The air intake system, exhaust and brake systems, drive-train and gauges are to be depreserved. Fire extinguisher bracket and seats (all) shall be installed.

c. Marking for shipment and storage shall be in accordance with MIL-STD-129.

d. The Marine Corps will provide the contractor with shipping address(es) for delivery of repaired equipment. The Contractor shall be responsible for arranging for shipment of the equipment to the pre-designed site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the contractor.

3.4 Configuration Management.

3.4.1 Configuration Status Accounting (CSA).

a. The Contractor shall determine the application status of approved configuration changes by visual inspections to the extent possible. The government will identify the configuration changes to be inspected by furnishing a Configuration Control List (Appendix D) to the Contractor. The Contractor shall use one checklist for each D7G Tractor to record the inspection findings along with other required data.

b. The Contractor shall record serial numbers of the assemblies listed on the Configuration Control List. The Contractor shall record the information on the same form that was used to record the application status of configuration changes.

c. The following approved MI and Technical Instruction (TI) shall be applied during Phase II of the REBUILD process:

MI-08757A-35/1	Modify Battery Box Cover
TI-08757A-25/2	Instructions for Installation of 8 Pin Military Standard Receptacle.

3.4.2 Configuration Control. The Contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. If it is necessary to temporarity depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document.

3.5 Government Furnished Equipment (GFE)Accountability/Government Furnished Materiel (GFM). The Management Control Acitivity (MCA/Code 573-2) will coordinate Government Furnished Equipment/Government Firnished Material (GFE)/(GFM) request and maintian a central control system on all GFE Accountability Agreements to the comtractor for signature on

an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. (This can be done by mailing (Material Management Department, Management Control Activity (Code 573-2), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320) or faxing (Commercial 229-639-5498 or DSN 567-5498) a copy of the DD1348).

3.6 Contactor Furnished Material (CFM). The contractor may requisition material as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of material and the required completion/delivery date.

3.7 Quality Assurance Provisions. The performances of the Contractor and the quality of work delivered, material provided and documents written shall be subject to in-process review and inspection by MCSC, (Code CSLE), Albany, Georgia and/or their Representatives during contract performance. Inspection may be accomplished at any work location. Authorized MCSC (Code CSLE), Albany, Georgia and/or their Representatives shall be permitted to observe the work/task accomplishment or to conduct inspections at all reasonable hours within contractor normal working hours. Acceptance tests shall be held in-plant. Inspection by MCSC, (Code CSLE), Albany, Georgia and/or their Representatives of all acceptance tests plans, materials and associated lists furnished hereunder does not relieve the Contractor from any responsibility regarding defects or other failures to meet contract requirements which may be disclosed prior to final acceptance.

The Contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9002-1994, Quality System-Model for Quality Assurance in Production, Installation, and Servicing. The Contractors work shall be subject to In-Process Reviews and Inspections for compliance with Quality Systems by MCSC (Code CSLE), Albany, Georgia and/or their Representatives. Noncompliance with procedures resulting in degraded quality of work may result in a stop-work order requiring action by the Contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such, MCSC (Code CSLE), Albany, Georgia and/or their representatives inspection, it shall be the Contractor responsibility to ensure that the entire system meets the performance requirements delineated and addressed in the D7G Tractor RS-08757A-50 and this SOW.

Quality assurance operations performed by the Contractor shall be subject to the MCSC (Code CSLE), Albany, Georgia and/or their representatives verification at any time. MCSC (Code CSLE), Albany, Georgia and/or their representatives verifications can include, but shall not be limited in any matter, to the following:

a. Inspection of materials, products, assemblies, and documentation to assess compliance with quality standards.

b. Surveillance of operations to determine that quality assurance, practices, methods, and procedures are being properly applied.

c. Inspections of deliverable products to assure compliance with all requirements of the D7G Tractor, this SOW, and applicable documents used herein.

d. Failure of the contractor to promptly correct deficiencies discovered, shall be a reason for suspension of acceptance until corrective action has been made.

3.8 Acceptance. The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and MCSC (Code CSLE), Albany, Georgia and/or their representatives shall be permitted to observe the work or to conduct inspection at all reasonable hours within the contractor's normal working hours. Final inspection and acceptance testing shall be conducted at the Contractor facility. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements.

a. Acceptance Testing. The D7G Tractors REBUILD under the provisions of this SOW shall be accomplished in accordance with RS-08757A-50, D7G Tractor Final Inspection Checklist (Appendix B of this SOW)

3.9 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC (Code CSLE), Albany, Georgia and/or their representatives. The Contractor shall, at no additional cost to MCSC (Code CSLE), Albany, Georgia and/or their representatives, provide the following:

a. Develop an approach for modification or correction of all deficiencies.

b. On approval of a documented approach, the Contractor shall correct the deficiencies and repeat verification until acceptable compliance with acceptance test procedures is demonstrated.

4.0 REPORTS. All report deliverables shall be submitted in hard copy to Marine Corps Systems Command, (Code CSLE), 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320 unless directed otherwise in a Contract Data Requirement List.

4.1 D7G Tractor Initial Inspection Checklist. The Contractor shall complete the D7G Tractor Initial Inspection Checklist (Appendix A) for each D7G Tractor repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to Marine Corps Systems Command, (Code CSLE), Albany, GA., after final acceptance of the D7G Tractor.

4.2 D7G Tractor Final Inspection Report. The Contractor shall provide one copy, per vehicle, of the D7G Tractor Final Inspection report (Appendix B). The report shall be available for review

during the final acceptance testing and one copy shall be sent to Marine Corps Systems Command, (Code CSLE), Albany, GA., upon acceptance of D7G Tractor

4.3 D7G Tractor Road Test and Operational Test. The Contractor shall provide one copy, per vehicle, of the D7G Tractor Road Test and Operational Test (Appendix C). The report shall be available for review during the final acceptance testing and one copy shall be sent Marine Corps Systems Command (Code CSLE), Albany, GA., upon acceptance of the D7G Tractor.

4.4 Configuration Control List. The Contractor shall provide one copy, per vehicle, of the Configuration Control List (Appendix D). The report shall be available for review during the final acceptance testing and one copy shall be sent to Marine Corps Systems Command (Code CSLE), Albany, GA., upon acceptance of the D7G Tractor.

D7G TRACTOR INITIAL INSPECTION CHECKLIST

REBUILD Standard 08757A-50 Characteristic and Figure numbers.

ITEM	CHARACTERISTIC AND FIGURE NUMBER	REMARKS	PASS	FAIL
1	**Engine**			
	Condition		____	____
	Operation		____	____
	Leakage		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
	Lubrication			
	Application and Type		____	____
2	**Fan and Alternator Belts (fig 2-51 and 2-52)**			
	Condition		____	____
	Adjustment		____	____
3	**Engine Coolant Lines (fig 2-45, 2-57, and 2-58)**			
	Condition		____	____
	Leakage		____	____
	Mounting			
	Clamps		____	____
4	**Torque Coverter Oil Cooler Lines (fig 2-59)**			
	Condition		____	____
	Leakage		____	____
5	**Radiator (fig 2-45)**			
	Condition		____	____
	Coolant Level		____	____
	Leakage		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____

6	**Muffler** **(fig 2-41)** Condition **Mounting** Screws Washers Nuts		____ ____ ____ ____	____ ____ ____ ____
7	**Turbocharger Oil Lines** **(fig 2-60)** Condition Leakage **Mounting** Screws Washers Nuts		____ ____ ____ ____ ____	____ ____ ____ ____ ____
8	**Engine Air Cleaner** **(fig 2-43)** Condition **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage		____ ____ ____ ____ ____ ____	____ ____ ____ ____ ____ ____
9[1]	**Fuel Injection Lines** **(fig 2-65)** Condition Leakage Fittings Secure **Mounting** Clamps and Bolts		____ ____ ____ ____	____ ____ ____ ____
10	**Fuel Priming Pump and Primary Filter** **(fig 2-69)** Condition Operation Leakage **Mounting** Screws Washers Nuts[1]		____ ____ ____ ____ ____ ____	____ ____ ____ ____ ____ ____

11	**Secondary Fuel Filter (fig 2-71)** Condition Leakage Element Secure			
12	**Fuel Supply and Drain Lines (fig 2-67 and 2-68)** Condition Leakage Fitting Secure Mounting			
13	**Either Starting Aid (fig 2-62)** Condition Operation **Mounting** Screws Washers Nuts			
14	**Electric Starting Motor (fig 2-75)** Condition Operation Mounting			
15	**Transmission (fig 2-340)** Fluid Level Condition Mounting Operation **Paint** Spec. Conformance Coverage **Lubrication** Application and Type			
16	**Brake Hydraulic Acuating Mechanisms (fig 2-113)** Condition Mounting Operation **Paint** Spec. Conformance Coverage			

17	**Steering Clutch Control Rods and Valves (fig 2-111)** Condition Mounting Operation		____ ____ ____	____ ____ ____
18	**Transmission and Steering Clutch Oil Filter (fig 2-86)** Condition Leakage **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage		____ ____ ____ ____ ____ ____ ____	____ ____ ____ ____ ____ ____ ____
19	**Magnetic Screen (fig 2-87)** Condition Leakage **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage		____ ____ ____ ____ ____ ____ ____	____ ____ ____ ____ ____ ____ ____
20	**Transmission Oil Pump (fig 2-84)** Condition Leakage Mounting **Paint** Spec. Conformance Coverage		____ ____ ____ ____ ____	____ ____ ____ ____ ____
21	**Drive Shaft (fig 2-79)** Condition **Mounting** Screws Washers **Paint** Spec. Conformance Coverage		____ ____ ____ ____ ____	____ ____ ____ ____ ____

22	**Final Drives** **(fig 2-612)** Condition Leakage Operation **Lubrication** Application and Type **Paint** Spec. Conformance Coverage		 ____ ____ ____ ____ ____ ____	 ____ ____ ____ ____ ____ ____
23	**Torque Divider Scavenge Pump** **(fig 2-89)** Condition Leakage **Mounting** Screws Washers **Paint** Spec. Conformance Coverage		 ____ ____ ____ ____ ____ ____	 ____ ____ ____ ____ ____ ____
24	**Torque Converter** **(fig 2-110)** Condition Leakage Operation **Mounting** Nuts Washers **Paint** Spec. Conformance Coverage		 ____ ____ ____ ____ ____ ____ ____	 ____ ____ ____ ____ ____ ____ ____
25	**Transmission Controls** **(fig 2-103 and 2-203)** Condition Operation **Mounting** Screws Washers Nuts		 ____ ____ ____ ____ ____	 ____ ____ ____ ____ ____

26	**Equalizer Bars** **(fig 2-137)** Condition Weldments **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage			
27	**Tool Box** **(fig 2-32)** Condition **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage			
28	**Fenders** **(fig 2-39)** Condition Weldment **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage			
29	**Track Roller Frames** **(fig 2-141)** Condition Weldment **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage			

30	**Track Carrier Rollers (fig 2-129)**			
	Condition		____	____
	Leakage		____	____
	Mounting			
	Bolts		____	____
	Washers		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
31	**Recoil Mechanism Guards (fig 2-125)**			
	Condition		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
32	**Hydraulic Track Adjuster (fig 2-134)**			
	Condition		____	____
	Leakage		____	____
	Operation		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Lubrication			
	Application and Type		____	____
33	**Front Idlers (fig 2-131)**			
	Condition		____	____
	Leakage		____	____
	Mounting			
	Screw		____	____
	Washers		____	____
	Nuts		____	____
	Lubrication			
	Application and Type		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____

34	**Track Rollers** **(fig 2-130)** Condition Leakage **Mounting** Screws Washers **Lubrication** Application and Type **Paint** Spec. Conformance Coverage		 _____ _____ _____ _____ _____ _____ _____	 _____ _____ _____ _____ _____ _____ _____
35	**Track Chain Assembly** **(fig 2-399)** Condition Leakage **Lubrication** Application and Type		 _____ _____ _____	 _____ _____ _____
36	**Radiator Guard** **(fig 2-50)** Condition **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage		 _____ _____ _____ _____ _____ _____	 _____ _____ _____ _____ _____ _____
37	**Hood** **(fig 2-34)** Condition **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage		 _____ _____ _____ _____ _____ _____	 _____ _____ _____ _____ _____ _____

38	**Fuel Tank**			
	(fig 2-38)			
	Condition		____	____
	Leakage		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
39	**Crankcase Guards**			
	(fig 2-40)			
	Condition		____	____
	Weldment		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
40	**Roll-Over Protection Structure (ROPS)**			
	Mounting			
	(fig 2-29)			
	Condition		____	____
	Mounting			
	Bolts		____	____
	Washers		____	____
	Nuts		____	____
	Paints			
	Spec. Conformance		____	____
	Coverage		____	____
41	**Cab**			
	Condition		____	____
	Weldments		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Window Glass		____	____
	Seat		____	____
	Paint			
	Spec Conformance		____	____
	Coverage		____	____

42	**Windshield Wipers (Front and Rear)** **(fig 2-191 through 2-194)** Condition Operation **Mounting** Screws Washers		____ ____ ____ ____	____ ____ ____ ____
43	**Windshield Washers (Front and Rear)** **(fig 2-195 and 2-196)** Operation **Mounting** Screws Washers		 ____ ____ ____	 ____ ____ ____
44	**Cab Heater and Controls** **(fig 2-197 and 2-199)** Condition Operation **Mounting** Screws Washers		____ ____ ____ ____	____ ____ ____ ____
45	**Cab Light** **(fig 2-198)** Condition Operation		____ ____	____ ____
46	**Gages and Switches** Condition Operation **Mounting** Screws Washers Nuts		 ____ ____ ____ ____ ____	 ____ ____ ____ ____ ____
47	**Batteries and Wiring** **(fig 2-722 and 2-223)** Condition Terminal Connections **Mounting** Screws Washers Nuts Battery Boxes Mounting **Paint** Spec Conformance Coverage		 ____ ____ ____ ____ ____ ____ ____ ____	 ____ ____ ____ ____ ____ ____ ____ ____

48	**Battery Disconnect Switch (fig 2-187)**			
	Condition		____	____
	Operation		____	____
49	**Track Roller Guards (fig 2-124)**			
	Condition		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
50	**Governor and Decelerator Controls (fig 2-73 and 2-201)**			
	Condition		____	____
	Operation		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Huts		____	____
51	**Headlamps (fig 2-15)**			
	Condition		____	____
	Operation		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
52	**Floodlamps (fig 2-17)**			
	Condition		____	____
	Operation		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____

53	**Rear Lamps (fig 2-16)**			
	Condition		____	____
	Operation		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
54	**Slave Receptacle**			
	Condition		____	____
	Operation		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Cable Connections Secure		____	____
55	**Bulldozer and Pusharms (fig 2-4)**			
	Condition		____	____
	Weldments		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Lubrication			
	Application and Type		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
56	**Tilt Cylinder (fig 2-159)**			
	Condition		____	____
	Leakage		____	____
	Operation		____	____
	Paint			
	Spec Conformance		____	____
	Coverage		____	____

57	**Tilt Cylinder Lines (fig 2-153)**			
	Condition		____	____
	Leakage		____	____
	Fitting Secure		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
58	**Lift Cylinder Mounting Brackets (fig 2-35)**			
	Condition		____	____
	Leakage		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Lubrication			
	Application and Type		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
59	**Lift Cylinders (fig 2-156)**			
	Condition		____	____
	Leakage		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Lubrication			
	Application and Type		____	____
60	**Lift Cylinder Lines (fig 2-6)**			
	Condition		____	____
	Leakage		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____

61	**Hydraulic Tank (fig 2-36)**			
	Condition		____	____
	Leakage		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Nuts		____	____
	Lubrication			
	Application andType		____	____
	Paint			
	Spec. Conformation		____	____
	Coverage		____	____
62	**Bulldozer Control Valve (fig 2-100)**			
	Condition		____	____
	Leakage		____	____
	Mounting			
	Screws		____	____
	Washer		____	____
	Nuts		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____
63	Bulldozer Control Linkage (fig 2-94)			
	Condition		____	____
	Operation		____	____
64	**Ripper Control Linkage (fig 2-96)**			
	Condition		____	____
	Operation		____	____
65	**Hydraulic Pump Lines (fig 2-101)**			
	Condition		____	____
	Leakage		____	____
	Fitting Secure		____	____
	Mounting			
	Screws		____	____
	Washers		____	____
	Paint			
	Spec. Conformance		____	____
	Coverage		____	____

66	**Pressure Control Valve** **(fig 2-92)** Condition Leakage **Mounting** Screws Washers **Paint** Spec. Conformance Coverage			
67	**Pilot Valves for Bulldozer Tilt and Ripper Lift** **(fig 2-98)** Condition Leakage **Mounting** Screws Washers **Paint** Spec. Conformance Coverage			
68	**Hydraulic Oil Pump** **(fig 2-91)** Condition Leakage **Mounting** Screws Washers **Paint** Spec. Conformance Coverage			
69	**Winch Control Linkage** **(fig 2-95)** Condition Operation **Mounting** Screws Washers Nuts		**PASS**	**FAIL**

D7G TRACTOR FINAL INSPECTION REPORT

REBUILD Standard 08757A-50 Characteristic and Figure numbers.

ITEM	CHARACTERISTIC AND FIGURE NUMBER	METHOD OF INSPECTION	REMARKS
1	**Engine**		
	Condition	_____ Visual	
	Operation	_____ Functional	
	Leakage	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
	Lubrication		
	Application and Type	_____ Certification	
2	**Fan and Alternator Belts (fig 2-51 and 2-52)**		
	Condition	_____ Visual	
	Adjustment	_____ Gage	
3	**Engine Coolant Lines (fig 2-45, 2-57, and 2-58)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Mounting		
	Clamps	_____Screwdriver	
4	**Torque Coverter Oil Cooler Lines (fig 2-59)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	

5	**Radiator** **(fig 2-45)** Condition Coolant Level Leakage **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage	 _____ Visual _____ Visual _____ Visual _____ Wrench _____ Visual _____ Wrench _____ Visual _____ Visual	
6	**Muffler** **(fig 2-41)** Condition **Mounting** Screws Washers Nuts	 _____ Visual _____ Visual _____ Wrench _____ Visual _____ Wrench	
7	**Turbocharger Oil Lines** **(fig 2-60)** Condition Leakage **Mounting** Screws Washers Nuts	 _____ Visual _____ Visual _____ Wrench _____ Visual _____ Wrench	
8	**Engine Air Cleaner** **(fig 2-43)** Condition **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage	 _____ Visual _____ Wrench _____ Visual _____ Wrench _____ Visual _____ Visual	
91	**Fuel Injection Lines** **(fig 2-65)** Condition Leakage Fittings Secure **Mounting** Clamps and Bolts	 _____ Visual _____ Visual _____ Wrench _____ Torque Wrench	

10	**Fuel Priming Pump and Primary Filter (fig 2-69)** Condition Operation Leakage Filter Bowl Secure **Mounting** Screws Washers Nutsı	 _____ Visual _____ Functional _____ Visual _____ Wrench _____ Wrench _____ Visual _____ Wrench	
11	**'Secondary Fuel Filter (fig 2-71)** Condition Leakage Element Secure	 _____ Visual _____ Visual _____ Strap Wrench	
12	**Fuel Supply and Drain Lines (fig 2-67 and 2-68)** Condition Leakage Fitting Secure Mounting	 _____ Visual _____ Visual _____ Wrench _____ Wrench	
13	**Either Starting Aid (fig 2-62)** Condition Operation Cannister Secured **Mounting** Screws Washers Nuts	 _____ Visual _____ Functional _____ Hand Tighten _____ Wrench _____ Visual _____ Wrench	
14	**Electric Starting Motor (fig 2-75)** Condition Operation Mounting	 _____ Visual _____ Functional _____ Wrench	

15	**Transmission (fig 2-340)** Fluid Level Condition Mounting Operation **Paint** Spec. Conformance Coverage **Lubrication** Application and Type	 _____ Visual _____ Visual _____ Visual _____ Functional _____ Visual _____ Visual _____ Certification	
16	**Brake Hydraulic Acuating Mechanisms (fig 2-113)** Condition Mounting Operation **Paint** Spec. Conformance Coverage	 _____ Visual _____ Wrench _____ Functional _____ Visual _____ Visual	
17	**Steering Clutch Control Rods and Valves (fig 2-111)** Condition Mounting Operation	 _____ Visual _____ Wrench _____ Functional	
18	**Transmission and Steering Clutch Oil Filter (fig 2-86)** Condition Leakage **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage	 _____ Visual _____ Visual _____ Wrench _____ Visual _____ Wrench _____ Visual _____ Visual	

19	**Magnetic Screen (fig 2-87)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
20	**Transmission Oil Pump (fig 2-84)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Mounting	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
21	**Drive Shaft (fig 2-79)**		
	Condition	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
22	**Final Drives (fig 2-612)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Operation	_____ Functional	
	Lubrication		
	Application and Type	_____	
	Paint	Certification	
	Spec. Conformance		
	Coverage	_____ Visual	
		_____ Visual	

23	**Torque Divider Scavenge Pump**		
	(fig 2-89)	_____ Visual	
	Condition	_____ Visual	
	Leakage		
	Mounting	_____ Wrench	
	Screws	_____ Visual	
	Washers		
	Paint	_____ Visual	
	Spec. Conformance	_____ Visual	
	Coverage		
24	**Torque Converter**		
	(fig 2-110)		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Operation	_____ Functional	
	Mounting		
	Nuts	_____ Wrench	
	Washers	_____ Visual	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
25	**Transmission Controls**		
	(fig 2-103 and 2-203)		
	Condition	_____ Visual	
	Operation	_____ Functional	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
26	**Equalizer Bars**		
	(fig 2-137)		
	Condition	_____ Visual	
	Weldments	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	

27	**Tool Box (fig 2-32)**		
	Condition	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
28	**Fenders (fig 2-39)**		
	Condition	_____ Visual	
	Weldment	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
29	**Track Roller Frames (fig 2-141)**		
	Condition	_____ Visual	
	Weldment	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
30	**Track Carrier Rollers (fig 2-129)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Mounting		
	Bolts	_____ Wrench	
	Washers	_____ Visual	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	

31	**Recoil Mechanism Guards (fig 2-125)**		
	Condition	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
32	**Hydraulic Track Adjuster (fig 2-134)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Operation	_____ Functional	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Lubrication		
	Application and Type	_____ Certification	
33	**Front Idlers (fig 2-131)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Mounting		
	Screw	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Lubrication		
	Application and Type	_____ Certification	
	Paint		
	Spec. Conformance		
	Coverage	_____ Visual _____ Visual	

34	**Track Rollers** **(fig 2-130)** Condition Leakage **Mounting** Screws Washers **Lubrication** Application and Type **Paint** Spec. Conformance Coverage	 _____ Visual _____ Visual _____ Wrench _____ Visual _____ Certification _____ Visual _____ Visual	
35	**Track Chain Assembly** **(fig 2-399)** Condition Leakage **Lubrication** Application and Type	 _____ Visual _____ Visual _____ Certification	
36	**Radiator Guard** **(fig 2-50)** Condition **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage	 _____ Visual _____ Wrench _____ Visual _____ Wrench _____ Visual _____ Visual	
37	**Hood** **(fig 2-34)** Condition **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage	 _____ Visual _____ Wrench _____ Visual _____ Wrench _____ Visual _____ Visual	

38	**Fuel Tank (fig 2-38)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
39	**Crankcase Guards (fig 2-40)**		
	Condition	_____ Visual	
	Weldment	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
40	**Roll-Over Protection Structure (ROPS) Mounting (fig 2-29)**	_____ Visual	
	Condition		
	Mounting	_____ Torque	
	Bolts	Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paints		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
41	**Cab**		
	Condition	_____ Visual	
	Weldments	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Window Glass	_____ Visual	
	Seat	_____ Functional	
	Paint		
	Spec Conformance	_____ Visual	
	Coverage	_____ Visual	

42	**Windshield Wipers (Front and Rear)** **(fig 2-191 through 2-194)** Condition Operation **Mounting** Screws Washers	 _____ Visual _____ Functional _____ Wrench _____ Visual	
43	**Windshield Washers (Front and Rear)** **(fig 2-195 and 2-196)** Operation **Mounting** Screws Washers	 _____ Functional _____ Wrench _____ Visual	
44	**Cab Heater and Controls** **(fig 2-197 and 2-199)** Condition Operation **Mounting** Screws Washers	 _____ Visual _____ Functional _____ Wrench _____ Wrench	
45	**Cab Light** **(fig 2-198)** Condition Operation	 _____ Visual _____ Functional	
46	**Gages and Switches** Condition Operation **Mounting** Screws Washers Nuts	 _____ Visual _____ Functional _____ Wrench _____ Visual _____ Wrench	

47	**Batteries and Wiring (fig 2-722 and 2-223)** Condition Terminal Connections **Mounting** Screws Washers Nuts Battery Boxes Mounting **Paint** Spec Conformance Coverage	 _____ Visual _____ Gages _____ Wrench _____ Wrench _____ Visual _____ Wrench _____ Wrench _____ Visual _____ Visual	
48	**Battery Disconnect Switch (fig 2-187)** Condition Operation	 _____ Visual _____ Functional _____ Gage	
49	**Track Roller Guards (fig 2-124)** Condition **Mounting** Screws Washers Nuts **Paint** Spec. Conformance Coverage	 _____ Visual _____ Wrench _____ Visual _____ Wrench _____ Visual _____ Visual	
50	**Governor and Decelerator Controls (fig 2-73 and 2-201)** Condition Operation **Mounting** Screws Washers Huts	 _____ Visual _____ Functional _____ Wrench _____ Visual _____ Wrench	

51	**Headlamps (fig 2-15)**		
	Condition	_____ Visual	
	Operation	_____ Functional	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
52	**Floodlamps (fig 2-17)**		
	Condition	_____ Visual	
	Operation	_____ Functional	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
53	**Rear Lamps (fig 2-16)**		
	Condition	_____ Visual	
	Operation	_____ Functional	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
54	**Slave Receptacle**		
	Condition	_____ Visual	
	Operation	_____ Functional	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Cable Connections Secure	_____ Wrench	

55	**Bulldozer and Pusharms (fig 2-4)**		
	Condition	_____ Visual	
	Weldments	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Lubrication		
	Application and Type	_____	
	Paint	Certification	
	Spec. Conformance		
	Coverage	_____ Visual	
		_____ Visual	
56	**Tilt Cylinder (fig 2-159)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Operation	_____ Functional	
	Paint		
	Spec Conformance	_____ Visual	
	Coverage	_____ Visual	
57	**Tilt Cylinder Lines (fig 2-153)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Fitting Secure	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
58	**Lift Cylinder Mounting Brackets (fig 2-35)**	_____ Visual	
	Condition	_____ Visual	
	Leakage		
	Mounting	_____ Wrench	
	Screws	_____ Visual	
	Washers	_____ Wrench	
	Nuts		
	Lubrication	_____	
	Application and Type	Certification	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	

59	**Lift Cylinders (fig 2-156)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Lubrication		
	Application and Type	_____ Certification	
60	**Lift Cylinder Lines (fig 2-6)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
61	**Hydraulic Tank (fig 2-36)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Nuts	_____ Wrench	
	Lubrication		
	Application andType	_____ Certification	
	Paint		
	Spec. Conformation		
	Coverage	_____ Visual	
		_____ Visual	

62	**Bulldozer Control Valve (fig 2-100)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washer	_____ Visual	
	Nuts	_____ Wrench	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
63	**Bulldozer Control Linkage (fig 2-94)**		
	Condition	_____ Visual	
	Operation	_____ Functional	
64	**Ripper Control Linkage (fig 2-96)**		
	Condition	_____ Visual	
	Operation	_____ Functional	
65	**Hydraulic Pump Lines (fig 2-101)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Fitting Secure	_____ Wrench	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	
66	**Pressure Control Valve (fig 2-92)**		
	Condition	_____ Visual	
	Leakage	_____ Visual	
	Mounting		
	Screws	_____ Wrench	
	Washers	_____ Visual	
	Paint		
	Spec. Conformance	_____ Visual	
	Coverage	_____ Visual	

67	**Pilot Valves for Bulldozer Tilt and Ripper Lift (fig 2-98)** Condition Leakage **Mounting** Screws Washers **Paint** Spec. Conformance Coverage	 _____ Visual _____ Visual _____ Wrench _____ Visual _____ Visual _____ Visual	
68	**Hydraulic Oil Pump (fig 2-91)** Condition Leakage **Mounting** Screws Washers **Paint** Spec. Conformance Coverage	 _____ Visual _____ Visual _____ Wrench _____ Visual _____ Visual _____ Visual	
69	**Winch Control Linlage (fig 2-95)** Condition Operation **Mounting** Screws Washers Nuts	 _____ Visual _____ Functional _____ Wrench _____ Visual _____ Wrench	

D7G TRACTOR ROAD TEST AND OPERATIONAL TEST

Item	Characteristic	Method of Inspection
1	**Lubricant, Coolant and Fluid Level Check**	
	Radiator	_____ Visual
	Engine Crankcase	_____ Visual
	Transmission, bevel gear and steering clutch compartment	_____ Visual
	Final Drives	_____ Visual
2	**Brakes and Brake Lock**	
	The tractor and brakes shall be operated to the extent necessary to assure proper performance and adjustment.	_____ Functional
3	**Abnormal Heating**	
	Engine	_____ Gage
	Torque Converter	_____ Gage
	Engine Cooling System	_____ Gage
4	**Leaks**	
	Engine	_____ Visual
	Transmission, bevel gear and steering clutch compartment	_____ Visual
	Radiator Hoses	_____ Visual
	All Hydraulic system and hoses	_____ Visual
	All hydraulic pumps, valves and cylinders	_____ Visual
5	**Lamp Operational Test**	
	Exterior lights	_____ Visual _____ Functional
	Interior lights	_____ Visual _____ Functional
6	**Electrical Circuit Test**	
	All wiring and electrical circuits shall be checked for shorts and continuity with a voltmeter to determine that the circuits will carry the voltage specified on the electrical schematic and required by the electrical units.	
	Circuit tester	_____ Functional
7	**Mechanism Adjustment Check**	
	All electrical, mechanical and hydraulic mechanisms shall be checked for proper performance and adjustment and adjusted as necessary.	_____ Functional
8	**Throttle Control**	
	Security	_____ Visual
	Operation	_____ Functional
9	**Decelerator Pedal**	
	Security	_____ Visual
	Operation	_____ Functional

10	**Transmission** Security Operational Leakage	 _____ Visual _____ Functional _____ Visual1
11	**Steering Clutches** Security Operation Leakage	 _____ Visual _____ Functional _____ Visual1
12	**Brakes** Security Operation Leakage	 _____ Visual _____ Functional _____ Visual1
13	**Brake Lock Lever** Security Operation	 _____ Visual _____ Functional1
14	**Final Drives and Undercarriage** Security Operation Leakage	 _____ Visual _____ Functional _____ Visual1
15	**Bulldozer** Security Operation Leakage	 _____ Visual _____ Functional _____ Visual1
16	**Paint, Marking and Data Plate Check** Painting, marking and service data shall be inspected for concormance to the specifications and other special requirements.	 _____ Visual1
17	**Cleaning and Drying Specifications** Exterior sufaces of the tractor shall be free of dirt, grease and other contaminants. Exposed surfaces to which applications of preservation is specified shall be cleaned and dried with the applicable process that will accomplish the cleaning without damage to the item.	 _____ Visual1

CONFIGURATION CONTROL LIST
TRACTOR, MEDIUM, FULL TRACKED
MODEL D7G, NSN 2410-01-155-1588

Vehicle;

Vehicle Build Number 5R6803 Serial Number

Other than Vehicle Build No. 5R6803 Serial Number _____ Build No.

Data Plate NSN

Transmission;

Build Number 9P5382 Serial Number

Other than Build Number 9P5382 Serial Number _____ Build No.

Engine;

Build Number 1W0543 Serial Number

Other than Build Number 1W0543 Serial Number _____ Build Number

Modification Instruction; Appied Prior IROAN Applied during IROAN

MI-08757A-35/1 _____ _____

NOTE: Build numbers can be found on Vehicle Data Plates.

NOTE: This SOW is for Marine Corps standard D7G tractors only.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
D7G Tractor		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A001	Request For Deviation	Configuration Management	

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-CMAN-80640C	SOW 3.4.2	MCLBA (583)	

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT		ASREQ	SEE BLK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A	A		

16. REMARKS

Blk 4 - Contractor format is authorized.

Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.

RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.

Blk 14 - RFDs shall be submitted via e-mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil

Distribution Statement A: Approved for public release, distribution is unlimited

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES		
	Draft	Final	
		Reg	Repro
MCLBA (583-1)	0	1	0
15. TOTAL →	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
	1-2-01		02317

DD FORM 1423-1, AUG 96 (EG) PREVIOUS EDITION MAY BE USED.

Designed using Perform Pro, WHS/DIOR, Aug 96